

9/147,947

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date) 3-24-99 are:A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink; Color: _____ Color drawings are not acceptable until petition is granted. Fig(s) _____ <input checked="" type="checkbox"/> Pencil and non black ink not permitted. Fig(s) _____	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
2. PHOTOGRAPHS. 37 CFR 1.84 (b) <input checked="" type="checkbox"/> 1 full-tone set is required. Fig(s) _____ <input checked="" type="checkbox"/> Photographs not properly mounted (must use brylston board or photographic double-weight paper). Fig(s) <u>13</u> <input checked="" type="checkbox"/> Poor quality (half-tone). Fig(s) <u>13</u>	9. SCALE. 37 CFR 1.84(k) Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(c) <input checked="" type="checkbox"/> Paper not flexible, strong, white, and durable. Fig(s) _____ <input checked="" type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____ <input checked="" type="checkbox"/> Mylar, velum paper is not acceptable (too thin). Fig(s) _____	10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i) <input checked="" type="checkbox"/> Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>1-13</u>
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: 21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches) All drawing sheets not the same size: _____ Sheet(s) _____ Drawings sheets not an acceptable size. Fig(s) _____	11. SHADING. 37 CFR 1.84(m) <input checked="" type="checkbox"/> Solid black areas pale. Fig(s) _____ <input checked="" type="checkbox"/> Solid black shading not permitted. Fig(s) _____ <input checked="" type="checkbox"/> Shade lines, pale, rough and blurred. Fig(s) <u>1-13</u>
5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) _____ Top (T) _____ Right (R) _____ Bottom (B) _____	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p) <input checked="" type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) _____ <input checked="" type="checkbox"/> Figure legends are poor. Fig(s) <u>1-13</u> <input checked="" type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____ <input checked="" type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____ <input checked="" type="checkbox"/> Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) <u>1-13</u>
6. VIEWS. 37 CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes. Partial views: 37 CFR 1.84(h)(2) <input checked="" type="checkbox"/> Brackets needed to show figure as one entity. Fig(s) _____ <input checked="" type="checkbox"/> Views not labeled separately or properly. Fig(s) _____ <input checked="" type="checkbox"/> Enlarged view not labeled separately or properly. Fig(s) _____	13. LEAD LINES. 37 CFR 1.84(q) <input checked="" type="checkbox"/> Lead lines cross each other. Fig(s) _____ <input checked="" type="checkbox"/> Lead lines missing. Fig(s) _____
7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3) Hatching not indicated for sectional portions of an object. Fig(s) _____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i) Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
	15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
	16. CORRECTIONS. 37 CFR 1.84(w) Corrections not made from prior PTO-948 dated _____
	17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig(s) _____ Solid black shading not used for color contrast. Fig(s) _____
COMMENTS	

REVIEWER

DATE

8-12-99

TELEPHONE NO.

703 305 8430

ATTACHMENT TO PAPER NO.

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